Thalassemia
Osteopetrosis
MCL Tear
OCD of the Capitellum with Secondary Synovial Osteochondromatosis
Chauffer’s Fracture (Hutchinson)
Other distal radial fractures to know...

- Colles (volar angulation of fragment)
- Smith (dorsal angulation of fragment)
- Barton (posterior rim of radius, IA)
- Reverse Barton (anterior rim of radius, IA)
Osteopoikilosis

- Osteopathia condensans disseminata
- Often AD, M > F
- Asymptomatic
- Concentrated at glenoid and acetabulum, wrist, ankle, pelvis
- Rare in skull, ribs, vertebrae, mandible
- No serious consequences (except being misdiagnosed as pathologic!!)
Sarcoidosis
Paget’s Disease
Hyperparathyroidism
Synovial Osteochondromatosis
27 yo with knee pain
Pigmented Villonodular Synovitis (PVNS)
Avascular Necrosis (AVN)
Rickets/Osteomalacia
Thalassemia
Chondroblastoma
Myositis Ossificans
Scurvy
Osteoblastoma
Melorheostosis
25 yo with palpable mass in left hip region
Tumoral Calcinosis

- Unknown cause
- Collections of extracapsular calcium accumulations
- 6-25 yo, AA > Caucasians
- Palpable mass, not pain
- Hip, shoulder and elbow most common
- Joint usually normal, although extrinsic erosion may occur
Perilunate Dislocation

• Crowded carpals on frontal view
Metastases
Coffee Case
NAIL-PATELLA SYNDROME

- FONG DISEASE = ILIAC HORNS = FAMILIAL ONYCHO-OSTEODYSPLASIA
- OSTEO-ONYCHODYSOSTOSIS
- symmetrical meso- and ectodermal anomalies
- aplasia / hypoplasia of thumb + index fingernails
- renal failure in later life
- hypoplasia / absence of patella
- bilateral posterior iliac horns in 80% (independent ossification center) DIAGNOSTIC
- flared iliac crest with prominent anterior spines
- radial head / capitellum hypoplasia (DDx: congenital dislocation of radial head)
- clinodactyly
- short 5th metacarpal
- mandibular cysts (occasionally)